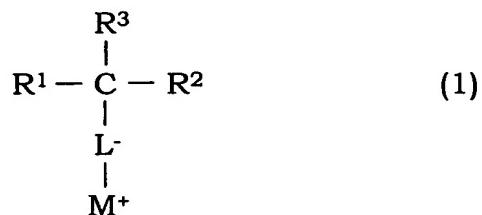


CLAIMS

1. A process for preparing a fluoropolymer containing at least one kind of fluoroolefin, which comprises carrying out 5 polymerization in the presence of a surfactant represented by the formula (1):

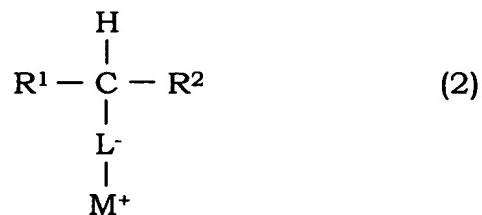
10



(wherein R^1 and R^2 may be the same or different respectively and represent an alkyl group or an alkenyl group, R^3 is a hydrogen atom, an 15 alkyl group or an alkenyl group, the total carbon number of R^1 to R^3 is 2 to 25, L^- is a group represented by $-SO_3^-$, $-OSO_3^-$, $-PO_3^-$, $-OPO_3^-$ or $-COO^-$, and M^+ is a monovalent cation).

20 2. The process for preparing a fluoropolymer, wherein the surfactant is a surfactant represented by the formula (2):

25



(wherein R^1 and R^2 represent an alkyl group or an alkenyl group having

a total carbon number of 2 to 25, and may be the same or different respectively, L⁻ is a group represented by -SO₃⁻, -OSO₃⁻, -PO₃⁻, -OPO₃⁻ or -COO⁻, and M⁺ is a monovalent cation).

5 3. The process for preparing a fluoropolymer of Claim 1 or 2,
wherein the total carbon number is 10 to 20.

4. The process for preparing a fluoropolymer of any one of
Claims 1 to 3, wherein the polymerization is polymerization for
10 preparing a seed particle.

5. The process for preparing a fluoropolymer of any one of
Claims 1 to 4, wherein the fluoroolefin is 1,1-difluoroethylene.